

BRUHAT BANGALORE MAHANAGARA PALIKE**Yelahanka Zone, Electrical Division**

Name of Work:-Detailed Estimate for Maintenance and repairs to installation of new MCBS Switches to the Ward No 3.

Ward No. 04**Estimate No:-****For Rs.****275000.00**

SI No	SR Page & SL No	Description Of Work	Unit	Qty	Rate	Amount
1	2/1.1.1	Supplying heavy gauge PVC conduit pipe dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.19/20mm dia 2mm thick	Mtrs	300	54.00	16200.00
2	17/3.10	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. And M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a)40X40X6mm	Mtrs	20	263.00	5260.00
3	46/6.13 .A.1	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (lcu = lcs) THREE POLE 100Amps 25kA.	Nos	36	4044.00	145584.00
4	50/6.41 .1	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	Nos	36	2178.00	78408.00
5	56/7.6.4	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM	Per Mtr	180	143.00	25740.00

6	Bes SR	Stringing of 1.1kv LT Arial Bunched Cable, BESCO SR	Per Mtr	180	10.30	1854.00
7	7.21.7	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Nos	94	20.59	1935.46
		Mislenious				18.54
		Total Rs				275000.00

CERTIFICATE :-

1. The place was inspected and the work is essential.
2. The provision made in the estimate are adequate and necessary and the work comes in the BBMP limit and is legitimate Charges on the BBMP funds.
3. The estimate is based on KPWD (Ele) S.R.2014-15 , BESCO SR and Approved Rates.

[Signature]
Asst. Engineer (Elec)

[Signature]
Asst. Exe. Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

[Signature]
EXECUTIVE ENGINEER (ELEC)
YELAHANKA DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. **2.75 LAKHS**
RUPEES TWO LAKHS SEVENTY FIVE THOUSAND ONLY -
is accorded under P.2629 PROVIDING ENERGY SAVING STREET LIGHT SYSTEM WITH TIMERS
Registered as EE No. **13/2018-19** Subject
to conditions contained in enclosed memo
No. **BBmp/EE/ELE/42/AS/13/2018-19**
Dt **25-09-2018**
[Signature]
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. **2.75 LAKHS**
Rupees **TWO LAKHS SEVENTY FIVE THOUSAND ONLY -**
Under **P2629 PROVIDING ENERGY SAVING STREET LIGHT SYSTEM**
Registered as EE () No. **13/2018-19** 9 9
Subject to conditions contained in enclosed memo EE () No. **BBmp/EE/ELE/42/AS/13**
Dt **25-09-2018** Estimate A/ Sanctioned
BBmp/EE/ELE/42/TS/13/No.2018-19
Dated **25-09-2018** Rs. **2.75 LAKHS**
[Signature]
Executive Engineer